

傳美政府向日本表示 反對日擴展中共貿易

日一工業代表團準備今赴北平

【路透社東京電】據此間消息，美政府已向日本表示，反對日本擴展其在華北之貿易。此項消息係由美政府發言人發表，謂美政府對日本在華北之經濟活動，深感不安，並已向日方表示，美政府將採取必要之措施，以維護其在華北之利益。

谷正綱再度聲明 準備安置新難民

「舊難民」則需進行甄別

【中央社北平電】谷正綱氏於昨日下午，在行政院會議後，發表聲明，謂政府對於安置難民，已決定採取積極之措施。對於「舊難民」，將進行甄別，以確定其是否仍屬難民。對於「新難民」，則將根據其具體情況，分別予以安置。政府並已決定，將撥款一億元，用於安置難民之生活及教育。

維護香港工業是最佳的救濟

由哈里曼在美國參議院的作証說起

【本報訊】維護香港工業，是當前救濟香港難民的最佳途徑。此項觀點，係由美國參議員哈里曼在參議院作証時所提出。哈里曼氏指出，香港工業之發展，不僅可為難民提供就業機會，亦可為政府增加稅收，從而改善其財政狀況。他並建議，政府應採取措施，以保護香港工業，並鼓勵其發展。

土耳其總統 要求伊諾努辭職

【路透社安卡拉電】土耳其總統伊諾努，於昨日下午，在安卡拉發表聲明，謂其已收到土耳其國民大會之決議，要求其辭職。伊諾努氏表示，他將尊重國民大會之決定，並將於近日內辭職。

尼魯普答議員質詢 印駐平外交官

【路透社新德里電】印度國會議員尼魯普答氏，於昨日下午，在印度議會中，對印駐平外交官之工作，提出質詢。尼魯普答氏指出，印駐平外交官之工作，應更加積極，以維護印度在華北之利益。他並建議，政府應加強對印駐平外交官之監督。

美國毒品調查專員稱 製成海洛英後經港澳運美

【路透社華盛頓電】美國毒品調查專員，於昨日下午，在華盛頓發表聲明，謂其已發現，有大批海洛英，係由中國製成，並經港澳運往美國。他並指出，此項毒品之來源，係由中國之某些地區。他並建議，政府應加強對毒品之調查，並採取措施，以打擊毒品之販賣。

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教育司署佈告

官立小學二年級至五年級申請入學手續
一、申請日期：自六月一日起至六月三十日止。
二、申請地點：各區官立小學。
三、申請手續：(一)繳納申請書。(二)繳納最近二吋半身照片二張。(三)繳納最近之成績單。(四)繳納最近之健康證明書。(五)繳納最近之戶口名冊。
四、錄取名額：以各校名額為限。
五、錄取名單：將於六月三十日後，在各區官立小學公佈。

閩江流域 面臨水災

【路透社福州電】閩江流域，目前正面臨嚴重之水災威脅。據氣象局預測，未來幾天內，該地區將有大雨，並可能引發洪水。政府已決定，將採取措施，以減輕水災之影響。他並建議，民眾應做好防範工作，並避免前往危險地區。

安利五金承退股啟事

本行因業務需要，現將五金部業務，退還股東。凡持有五金部股票之股東，請於六月三十日前，持股票至本行辦理退股手續。逾期不辦者，將由本行代為處理。

香港仔工業學校招生

本校為培養工業技術人才，現招收一九六二年新生。凡初中畢業或具有同等學力者，均可報考。報名日期：自六月一日起至六月三十日止。考試日期：七月一日。校址：香港仔工業學校。

官地招投

一九六二年七月六日正午十二時前截止接受投標
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九、九龍內地段第八二三三號
十、九龍內地段第八二三三號

招投鑽探深水井工程

本行現招投鑽探深水井工程。凡具有鑽探經驗之廠商，均可報考。報名日期：自六月一日起至六月三十日止。考試日期：七月一日。校址：本行辦事處。

東華三院主席鍾錦泉

鍾錦泉氏，於昨日下午，在東華三院主席會議中，發表聲明，謂其將繼續擔任東華三院主席一職。他並表示，將繼續為東華三院之發展，貢獻力量。

佛尼半迦釋無南

佛尼半迦釋無南，係佛教之重要人物。其生平事蹟，可分為四個階段：(一)出生階段。(二)出家階段。(三)修行階段。(四)弘法階段。其生平事蹟，可分為四個階段：(一)出生階段。(二)出家階段。(三)修行階段。(四)弘法階段。

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曾赴北平研究戲劇智利學生 斥中共作虛偽宣傳

指出大座主手眼甚毒

【本報訊】智利學生曾赴北平研究戲劇，最近回國後，發表談話，斥責中共作虛偽宣傳，並指出大座主手眼甚毒。該生稱：他在北平期間，曾親見中共之宣傳，其內容多屬虛偽，且其宣傳之對象，多為大座主之利益。該生並稱：他在北平期間，曾親見大座主之種種醜聞，其手眼之毒，實非筆墨所能形容。該生並稱：他在北平期間，曾親見中共之種種醜聞，其手眼之毒，實非筆墨所能形容。該生並稱：他在北平期間，曾親見中共之種種醜聞，其手眼之毒，實非筆墨所能形容。

中共通知全西藏人民 今後勿再與印人買賣

印否認周恩來將與尼赫魯會談

【本報訊】中共最近通知全西藏人民，今後勿再與印人買賣。此項通知，係由中共駐藏辦事處發出，內容稱：中共與印人買賣，係屬非法行為，今後應予禁止。此項通知，係由中共駐藏辦事處發出，內容稱：中共與印人買賣，係屬非法行為，今後應予禁止。此項通知，係由中共駐藏辦事處發出，內容稱：中共與印人買賣，係屬非法行為，今後應予禁止。

英經濟情況告好轉 各銀行存款按金 已有一部份發還

【本報訊】英國經濟情況最近告好轉，各銀行存款按金已有一部份發還。據悉：英國政府最近宣佈，將發還各銀行存款按金之一部份，以資周轉。此舉被視為英國經濟好轉之徵兆。此外，英國政府並宣佈，將採取措施，以穩定物價，並鼓勵生產。此舉被視為英國政府對經濟前景之信心。

泰國破獲一中共巢穴

【本報訊】泰國政府最近破獲一中共巢穴，並逮捕多名黨員。據悉：該巢穴位於泰國北部，係由多名中共黨員所組成，從事非法活動。泰國政府最近採取行動，破獲該巢穴，並逮捕多名黨員。此舉被視為泰國政府打擊非法活動之成果。

藏民大批逃印 衣箱糧食被搜劫

【本報訊】藏民大批逃往印度，衣箱糧食被搜劫。據悉：藏民因不滿中共之統治，紛紛逃往印度。在逃往印度途中，藏民之衣箱糧食被搜劫，損失慘重。此舉被視為中共對藏民之壓迫所致。

英自由黨捲土重來

【本報訊】英國自由黨最近捲土重來，在議會中取得優勢。據悉：自由黨在最近之議會選舉中，取得壓倒性勝利，成為英國之執政黨。此舉被視為英國選民對保守黨政府之不滿所致。

保衛泰國越南 美決不辭一戰

【本報訊】美國政府最近宣佈，將保衛泰國及越南，並決不辭一戰。此舉被視為美國政府對東南亞局勢之重視。此外，美國政府並宣佈，將加強在東南亞之軍事力量，以保衛該地區之和平與穩定。

艾斯提斯案醜惡一面 農部兩官員神秘斃命

【本報訊】艾斯提斯案之醜惡一面，最近被揭露出來。據悉：農部兩官員在該案中神秘斃命，引起社會之廣泛關注。此舉被視為艾斯提斯案之醜惡一面，並引起對該案之深入調查。

輻射偵察器 將與本港及新加坡比美

【本報訊】輻射偵察器將與本港及新加坡比美。據悉：該項設備之引進，將有助於提高本港及新加坡之安全水平。此舉被視為政府加強安全防範之措施。

馬來亞擴建巴牛港

【本報訊】馬來亞政府最近宣佈，將擴建巴牛港。此舉被視為政府加強港口建設之措施。此外，政府並宣佈，將採取措施，以改善港口之交通與設施，以提高港口之效率。

炸彈庫火國察延阻再

【本報訊】炸彈庫火國察延阻再。據悉：該項火災之發生，係因管理不善所致。政府最近已採取措施，以加強對炸彈庫之管理，並防止類似事件之再次發生。

套圈黨共人墮全完美

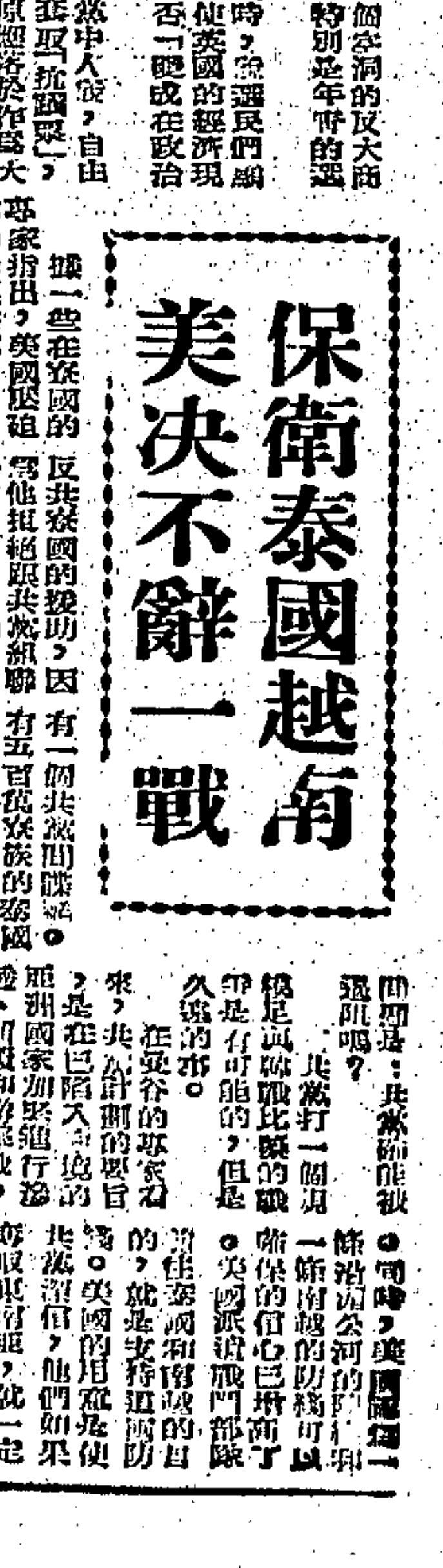
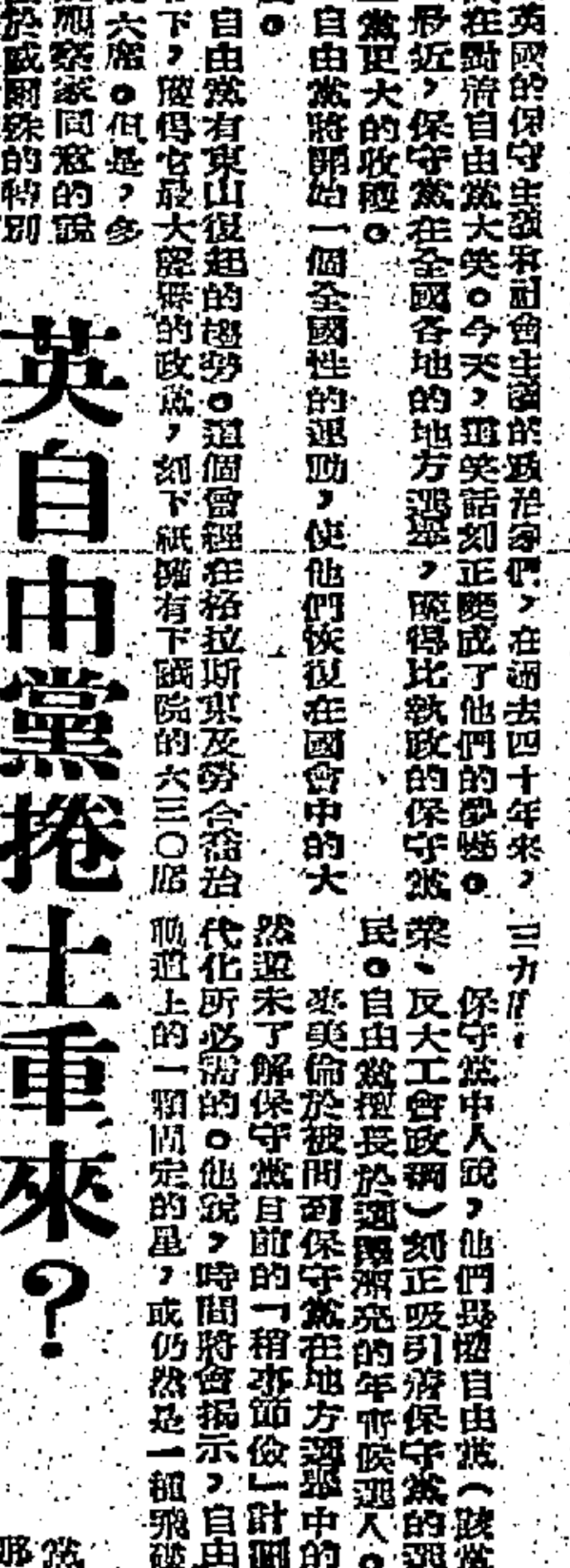
【本報訊】套圈黨共人墮全完美。據悉：該項事件之發生，係因套圈黨之成員墮入陷阱所致。政府最近已採取措施，以加強對套圈黨之打擊，並防止類似事件之再次發生。

英自由黨捲土重來

【本報訊】英國自由黨最近捲土重來，在議會中取得優勢。據悉：自由黨在最近之議會選舉中，取得壓倒性勝利，成為英國之執政黨。此舉被視為英國選民對保守黨政府之不滿所致。

保衛泰國越南 美決不辭一戰

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本港新聞

新來港者辦人事登記

昨日開始實施新辦法

申請登記者空前擁擠

九龍方面有不少人露宿等候

【本報訊】昨日開始實施新辦法，凡新來港者，必須在抵港後三日內，向勞工處或入境事務處申請登記。昨日開始實施新辦法，申請登記者空前擁擠，九龍方面有不少人露宿等候。

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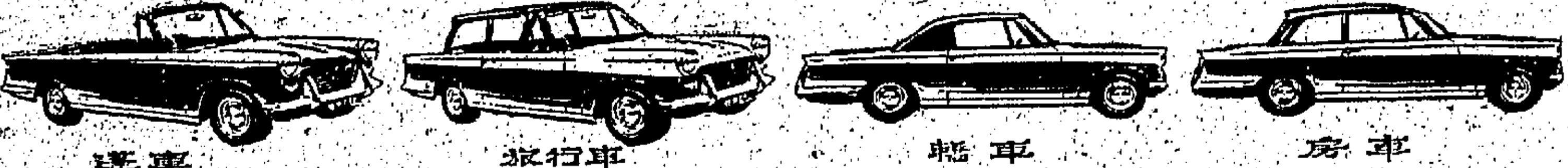
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HONG KONG
100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000.

總代理：仁孚車行

香港及陳列室：
新嘉坡大馬路 (新嘉坡分行)
電話：七十七二二二

車房服務處：
波斯富街二號 (連隆合對面)
電話：七七一〇一



柏立基信託基金

續收捐款四萬餘

【本報訊】柏立基信託基金，自成立以來，已收到各界人士捐款，共計四萬餘元。該基金旨在資助各項社會福利事業，包括教育、醫療及社會服務等。

三少女與五飛仔 在公寓同宿多天

一遭污辱兩人幸保重貞 三被告一簽保一待宣判

另否認控罪押候審訊

【本報訊】三名少女與五名飛仔，在公寓同宿多天，其中一名少女遭污辱，兩人幸保重貞。三被告一簽保一待宣判，另否認控罪押候審訊。

子女境入法非名一 車家私坐乘

捕被仔灣在

留居准獲能可百兩款罰 候押罪助協控被予男一

【本報訊】一名非法入境子女，在灣仔被捕。該名子女目前留居，准獲能可百兩款罰，候押罪助協控被予男一。

販管隊與小販 又發生糾紛

一隊員控告女小販毆打

案未審畢官諭押候續訊

【本報訊】販管隊與小販又發生糾紛，一名隊員控告女小販毆打。案未審畢官諭押候續訊。

看龍舟遊河船 今年暫停停辦

油麻地小輪公司

【本報訊】油麻地小輪公司，今年暫停停辦看龍舟遊河船。該公司表示，由於天氣及疫情影響，今年暫停停辦。

友邦保險公司 昨日股東年會

昨昨股東年會

【本報訊】友邦保險公司，昨日舉行股東年會。會上報告了公司去年的業績，並選出了新一屆的董事會成員。

息消供提方警向未主車為身 元十五罰黛林

罪認告被表代師律由 因原庭到不告被釋解

【本報訊】一名女子因提供虛假信息，被警方拘捕。該名女子目前被控以提供虛假信息罪，並被罰款十五元。其律師表示，該名女子將向法院提出上訴。

局議鄉界新

交舉行昨

【本報訊】新嘉坡鄉界局，昨日舉行會議。會上討論了有關鄉界調整的建議，並決定將有關建議提交給有關部門處理。

英文中學會考試題

地理

GEOGRAPHY

Time allowed - two hours

Read these instructions carefully.

Answer FIVE questions only. Question 1 in Section A is compulsory. At least ONE question must be answered from each of the Sections B, C and D.

Full marks can be obtained ONLY if sketch maps and/or diagrams are drawn where they help to illustrate your answers. Neatness is important.

All questions carry the same number of marks.

Section A

1. Study carefully the contour map of a part of Hong Kong which is provided, then do the following exercises. The completed map must be attached to your answer book.

(i) On the map itself:

- Mark in a first class road running from X in the north east to Y in the south west.
- Shade in those parts of the sea which are deeper than 1 fathom.
- Draw in ONE river system (one main river and three tributaries) which drains north westwards into the bay.

(ii) In your answer book:

- Calculate the area of the whole map. Give your answer in square miles. All working to be shown.
- Draw a cross-section along the line from A to B. Use a vertical scale of $\frac{1}{4}$ " to 100 metres. Mark on your cross-section where a swamp is found and ONE part where you would expect to find rice cultivation.

Section B

- With the help of TWO well labelled diagrams calculate the angle of elevation of the mid-day sun at Hong Kong (i) at the equinoxes AND (ii) at the winter solstice of the northern hemisphere. (All working to be shown. Latitude of Hong Kong to be taken as $22\frac{1}{2}^\circ$ N.)
- Explain, with the aid of a well labelled diagram why all places within the Arctic Circle have 24 hours of daylight at the summer solstice of the northern hemisphere.

3. Describe the manner of FORMATION of any FOUR of the following land forms:- sand spit, ridge, residual mountain, corrie, sand dune, V-shaped valley. Draw diagrams to illustrate your answers.

4. Below are the temperature figures (in $^\circ$ F) and rainfall amounts (in inches) for two places. For each of these two places do the following exercises:-

- comment (i) on the temperature figures and (ii) on the annual range of temperature.
- comment (i) on the rainfall amounts and (ii) on the distribution throughout the year.
- for each of the two places name the climatic region where you think each may be found.

PLACE A (Altitude 57 ft.)

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
TEMPERATURE	76	76	80	83	86	84	81	81	84	82	81	77
RAINFALL	0.1	0.1	0.1	0.1	0.7	1.4	9.1	24.0	14.5	10.5	1.9	0.4

PLACE B (Altitude 20 ft.)

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
TEMPERATURE	64	70	75	80	82	87	89	89	87	82	78	70
RAINFALL	5.5	4.2	2.4	1.5	1.3	1.3	1.3	1.4	1.8	1.4	1.9	2.5

- List the factors which cause ocean currents and determine their direction of flow.
- Using the factors that you have given above describe and explain the pattern of the currents in the NORTH PACIFIC OCEAN. Draw a map to illustrate your answer.

Section C

6. What are the geographical conditions necessary for the development of hydro-electric power (H.E.P.)? Is it

likely that hydro-electric power will become important in Hong Kong? Give reasons to support your answer.

7. Answer ALL the following questions.

- Name FOUR major geographical conditions which are required for the keeping of large herds of dairy cattle.
 - Explain why the FOUR conditions you have chosen are necessary.
 - Write down the names of the THREE most important dairy products.
 - Give the names of THREE countries where dairy products form an important part of the country's exports.
 - Draw a sketch map of ONE of the countries you have chosen in (a) to show the main geographical factors which have made it an important dairying region.
8. Compare and contrast the production of sugar cane and sugar beet under the following headings:-
- conditions of growth
 - methods of cultivation
 - importance in world trade.

Section D

9. (a) On the outline map of S.E. Asia which is provided name the following:-

- the islands numbered 1 and 2
- the sea numbered 3
- the strait numbered 4
- the ports numbered 5, 6, 7 and 8
- the rivers numbered 9 and 10.

(b) Rubber, tin and petroleum are exported from S.E. Asia. Choose ONE of these raw materials and (i) describe the method by which it is obtained and prepared for export and (ii) mark and name on the map TWO chief areas where it is found.

- (a) What is meant by the hinterland of a port?
- Draw TWO separate sketch maps to show the positions of Wunan and Hong Kong. On each show the activities carried on in the hinterland and the main routeways.

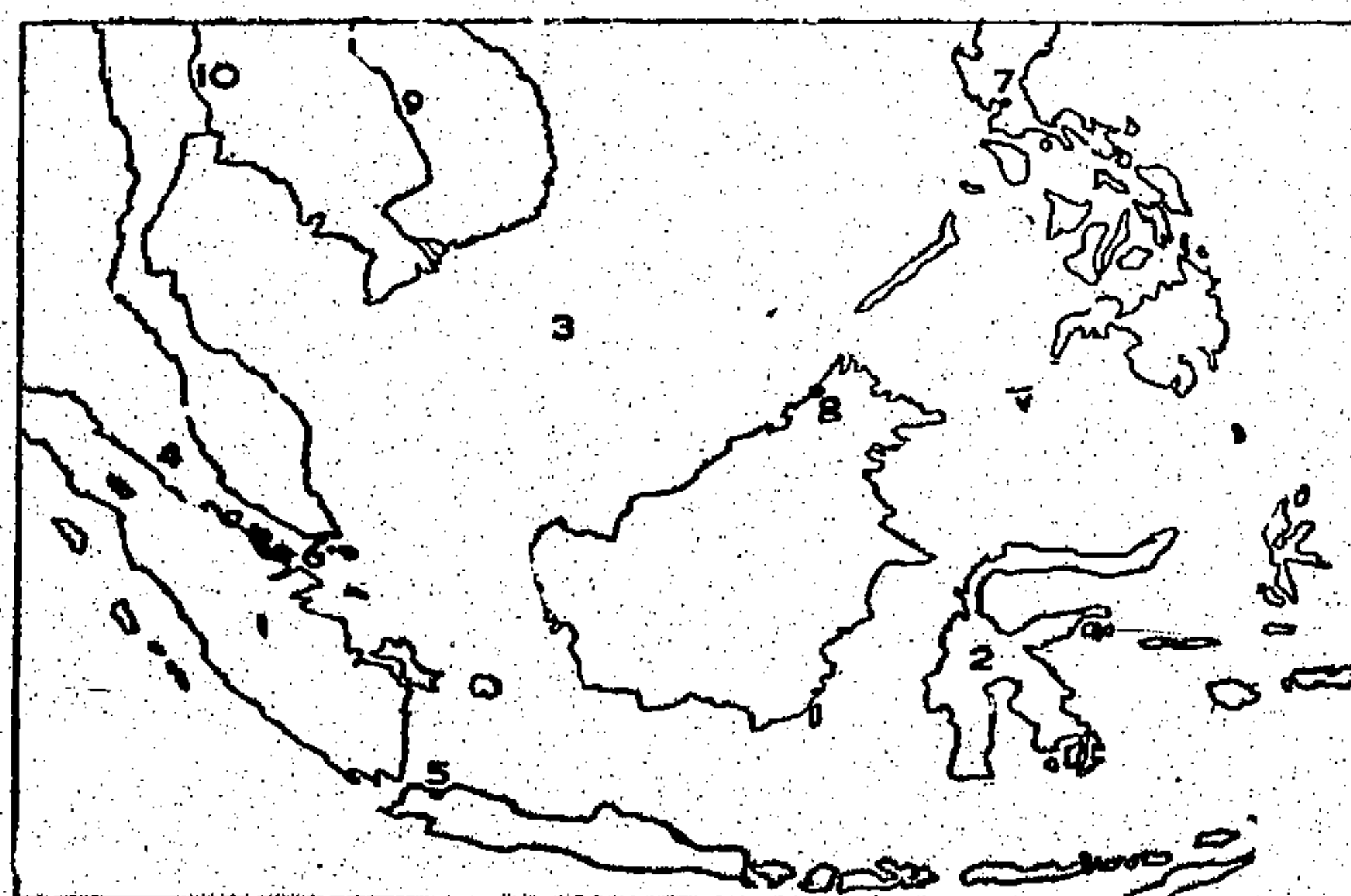
11. Compare and contrast East and West Pakistan under the following headings:-

- Position
- Relief
- Climate
- Crops grown.

Draw a sketch map to illustrate your answer.

12. Describe and explain the distribution of population in Japan. Illustrate your answer with a sketch map.

HONG KONG ENGLISH SCHOOL CERTIFICATE EXAMINATION, 1962 - GEOGRAPHY (Map for Question 1)



MATHEMATICS II

Time allowed - Two hours

Attempt any TEN questions only

Ten marks are awarded for each question. Logarithmic and trigonometrical tables will be provided and may be used whenever necessary.

1. Prove that in any triangle, the sum of the squares on any two sides is equal to twice the square on half the third side together with twice the square on the median which bisects the third side.

2. Use the area formula of a triangle or otherwise prove that in the triangles ABC and AXY, if XY is parallel to BC, $\frac{AX}{AB} = \frac{AY}{AC}$.



3. Give the steps of a purely geometrical construction for an isosceles triangle whose area is the same as the area of the given quadrilateral ABCD, and whose height is one of the diagonals. Indicate how many such triangles can be constructed and prove your results.



4. Solve the following equations for angles from 0° to 360° .

- $\cot^2 x = 1 + \csc x$
- $2\cos^2 \theta = 1 + \sin \theta$

5. Prove the identities:-

$$(i) \frac{\sin \theta}{1 + \cos \theta} + \frac{1 + \cos \theta}{\sin \theta} = 2 \csc \theta$$

$$(ii) (1 + \sec x + \tan x)(1 + \csc x + \cot x) = 2(1 + \tan x + \cot x + \sec x + \csc x)$$

6. Given $\cos 2x = 2\cos^2 x - 1$. Hence, or otherwise, prove that in the triangle whose sides are 3, 16, 20, the greatest angle is exactly double the angle opposite the side 16.

7. (i) If $b = \sqrt{3} + 1$, $c = 2$, $A = 30^\circ$, find a , where a, b, c are the sides of the triangle ABC.

(ii) If $\cos x = -\frac{5}{13}$, $\sin x = -\frac{12}{13}$, find the value of $\tan x$.

8. Points X, Y are taken between B and C on the side BC of a triangle ABC such that angle BAX is equal to angle YAC. Prove that $AB^2 \cdot CX \cdot BY = AC^2 \cdot BX \cdot CY$.

9. (i) A man observes the elevation of the top of a mountain to be 50° . He walks 1,000 feet nearer and finds the elevation to be 60° . Find the height of the mountain.

(ii) From the top of a tower 100 ft. high the angles of depression of two objects due north of the tower are 60° and 45° . Find the distance between the objects.

10. On the same axes and using the same scales, draw graphs showing how (i) $\sin 2\theta$, and (ii) $\sin \theta$, vary with θ as θ increases from 0 to 2π . From these graphs obtain the solutions for the equation: $\sin 2\theta = \sin \theta$. Also, find these values of θ by solving the equation.

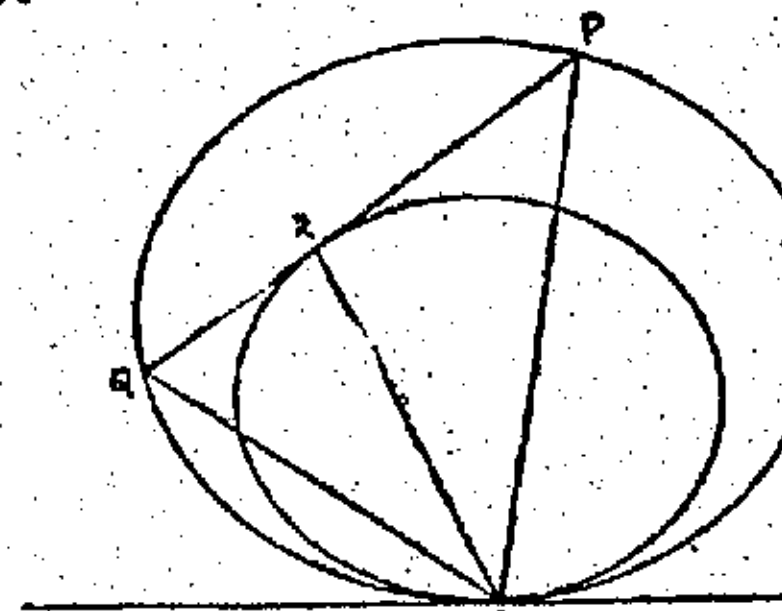
11. (i) Prove that if a pair of opposite angles of a quadrilateral are supplementary, the quadrilateral is cyclic.

(ii) Two circles PAB, QAB intersect at A and B; their centres are O and D; P is a point on the circle PAB and lies outside the circle QAB; Q is a point on the circle QAB and lies outside the circle PAB.

Prove that if $\angle APB + \angle AQB = 90^\circ$, the points A, B, C, D lie on a circle.

12. Two circles touch internally at O; a chord PQ of the larger circle touches the smaller at R.

Prove that $OP:OQ = PR:RQ$. Use area formula of triangle or otherwise.



LOWER MATHEMATICS

Time allowed - 2 1/2 hours

初級數學

Answer any EIGHT questions from Section A and any FOUR questions from Section B.

Section A

Answer 8 questions only from this section

1. Simplify (i) $8c - \{4d + \frac{1}{2}(c - 8d)\}$

$$(ii) \frac{x^2 + 8x + 7}{x^2 - 5x - 6}$$

$$(iii) (10\frac{1}{2} \times \frac{1}{9} - 10\frac{1}{2}) \div (\frac{1}{16} - \frac{3}{4} \div \frac{2}{3})$$

2. (a) Find the value of $\frac{x(a-b)}{cd}$ when $x = \frac{2}{5}$, $a = 12$, $b = \frac{1}{2}$, $c = \frac{2}{5}$, and $d = 1\frac{1}{2}$.

(b) Factorize (i) $9a^2 - x^2$

$$(ii) am - xyk - ak + xym$$

(c) Expand $(y - \frac{1}{2}x)(2y - 4x)$

3. (a) Solve (i) $\frac{x}{2} + \frac{x}{4} = 6$ (ii) $2x^2 = 35 - 7x$

(b) If $\frac{x}{a} = \frac{y}{b} + n$, write x in terms of y, a, b , and n .

4. (a) Express 5 cwt. 1 qr. 4 lb. as a percentage of a ton.

(b) Find the value of 27 times $43\frac{1}{2}$ lbs. 7d.

(c) If 1 litre = 61 cu. in. approximately, find the number of cu. in. of water in a vessel which contains 475 cu. cm.

5. (a) Find the simple interest on \$650 for 4 years at 3 1/2% per annum.

(b) Using the Tables provided, find the value of:-

$$\frac{14.81 \times (1.05)^3}{\sqrt{0.07953}}$$

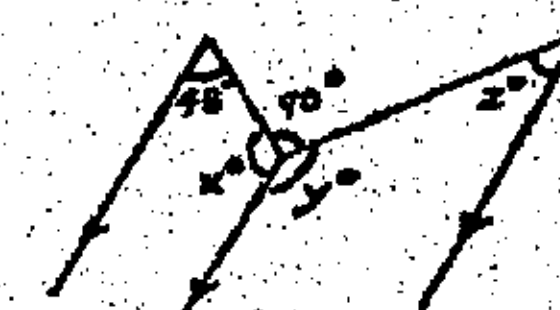
6. (a) Construct a triangle whose sides are 3 in., 3.5 in., 4 in. Bisect the greatest angle of the triangle. (All construction lines and arcs must be clearly shown.)

(b) The interior angle of a regular polygon is 135° . How many sides has the polygon?

(c) The sides of a rectangle are 15 ft. and 36 ft. in length. Calculate the length of a diagonal.

7. (a) Find the sizes of the unknown angles in the figure:

Arrows indicate parallel lines



(b) A field is in the shape of a quadrilateral ABCD. $AB = 140$ yds., $\angle BAD = 74^\circ$, $\angle BAC = 48^\circ$, $\angle ABC = 67^\circ$, $\angle ABD = 41^\circ$. Draw a plan of the field (scale: 1 in. = 50 yds.); and find the lengths of the sides AD, DC, CB by measurement.

8. (a) Express $11^\circ 15'$ as a decimal of one right angle.

(b) Without using Tables, find the value of:-

$$\tan^2 60^\circ + 4\cos^2 45^\circ + 3\sec^2 30^\circ$$

(c) What is the size of the angle between directions SSE. and WNW?

9. (a) Given $\sec A = 4$, find $\cot A$ and $\sin A$.

(b) If $\tan \theta = 3.3434$, find the value of the acute angle θ , to the nearest minute.

(c) Express $\cos(90^\circ - A)\csc(90^\circ - A)$ as a single trigonometrical ratio.

Section B

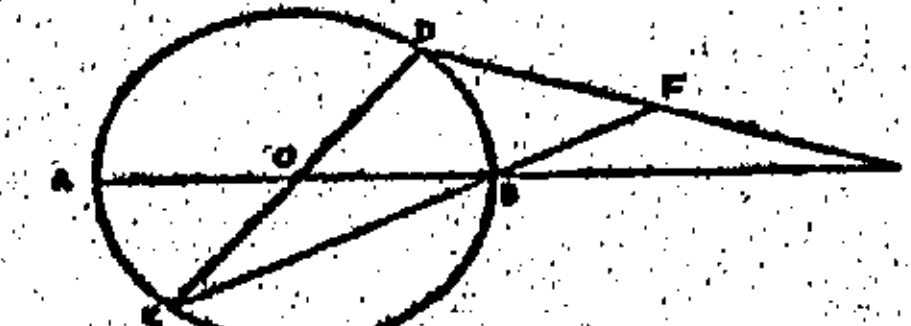
Answer 4 questions only from this section

1. (a) Solve the simultaneous equations: $\frac{1}{2}(x + y) = 4\frac{1}{2}$, $x - y = 1$.

(b) The difference of two numbers is 9; and the sum of their squares is 185. Find the numbers.

2. A merchant buys goods at one price, and sells 80 per cent of them at a profit of 15%, and the remainder at a loss of 3%. What percentage profit does he make at the whole transaction? If his total profit is \$73.11s., what does he pay for the goods?

3. In the figure, AB and CD are diameters of the circle. AB is produced to E such that $AB = BE$. OBF is a straight line. Join AD. Prove that $DF = FE$.



(未完，以下轉入第十頁)

英文中學會考試題

(接第十頁初級數學試題)

4. (a) The tangent of an angle is 1.2; construct the angle.
(b) Two masts are 60 feet and 40 feet high, and the line joining their tops makes an angle of $33^\circ 41'$ with the horizon; find their distance apart.

5. Using the same axes and scales (1 inch represents 1 unit) draw the graphs of the following equations with the given values of x and y :

(a) $2x + 3y = 5$

(b) $y = 3x + 1$

(c) $\frac{x}{2} + \frac{y}{3} = 1$

x	2	1	-2
y	0	1	3

x	0	1	-1
y	1	4	-2

x	0	2	1
y	8	0	2

- (i) What values of x and y satisfy the equations (b) and (c)?
(ii) Are there any values of x and y which satisfy all the three equations? Give the reason for your answer.

英文讀本 (二)

Time allowed—1½ hours

Answer ALL the parts of ALL questions in the spaces provided. Answer those questions which provide answers marked A, B, C, D and so on, by writing one letter (e.g. (f) E). Answer all other questions in a single word or short phrase, wherever possible.

- State the town, country, island or place:
(a) Boy Bladen was shot down in flames over
(b) Van Diemen's Land is today called
(c) Lady Catherine de Bourgh lived at
(d) Caesar fell at the base of
(e) The Tail One hid his passport in a small beach house along the
- State the town, country, island or place:
(a) Antony presented Caesar with a crown on the
(b) The Magi were charged high prices in the
(c) The Balsa plantations were in
(d) When Philip Wakem left Mr. Steilling's he went for his health's sake to
(e) When Cavor's sphere came back to earth it landed in a village in England called
- Give the name of the person or thing described as:
(a) (The Crocodile Dies Twice) "he had huge shoulders in whose knotted muscles the neck supporting the black, curly head was sunk and lost".
(b) (Mill on the Floss) "it had once had the roundest eyes and the reddest cheeks; but its face was entirely spoiled by a long history of suffering".
(c) (The Kon-Tiki Expedition) "he sat in the doorway and chewed like a schoolboy, pushing the food in his mouth".
(d) (a plain hint man) "That love my friend".
(e) (The Message from the Tomb) "his face remained motionless when he spoke".
- Give the name of the person or thing described as:
(a) (Goat Paths) "They wind about
Through the heather"
(b) (Pride and Prejudice) "her manners were pronounced to be very bad indeed—a mixture of pride and ill-breeding; she had no conversation, no style, no taste, no beauty".
(c) (Gethsemane) "The Glorious Lamp of Heaven".
(d) (Campbell's Kingdom) "A short, strong-looking man of about forty five. His graying hair was cut very close to his round head; his eyes were black".
(e) (The First Men in the Moon) "the head was almost brainless, with a fat neck, little nostrils and tight shut eyes".
- In which of the set texts or poems are the following mentioned:
(a) Mrs. Long
(b) The Nervil
(c) gnat
(d) Lina
(e) private labours
- In which of the set texts or poems are the following mentioned:
(a) clouded hills
(b) white bears
(c) gypsies
(d) Edmonton Journal
(e) sherbet
- Name the speaker of these words, or the poem from which they are taken:
(a) (Campbell's Kingdom) "Will you stop making excuses for getting a little snow down your neck? Get up there. That's an order".
(b) (Tale of the Bounty) "I demanded the reason of such violence, but received no other answer than abuse, for not holding my tongue".
(c) (Pride and Prejudice) "She looks weak and cross. Yes, she will do for him very well. She will make him a very proper wife".
(d) "As Caesar loved me, I weep for him; as he was fortunate, I rejoice at it".
(e) "Ambition should be made of sterner stuff".
- Name the speaker of these words or the poem from which they are taken:
(a) "Tightening his load of links and put".
(b) (The Mill on the Floss) "I have never any pity for proud people, because they carry their comfort with them".
(c) (The First Men in the Moon) "It's that boy! It's that accursed boy!"
(d) (The Crocodile Dies Twice) "The boy looks ill too. Perhaps he'd like a long drink as well—like the other".
(e) "were we led all that way for Birth or Death?"
- Give the names of two people:
(a) Who, apart from Brutus and Cassius, were in the Conspiracy
(b) (Pride and Prejudice) who tried to dissuade Elizabeth from marrying Darcy before he had even proposed to her
(c) (The Tale of the Bounty) who was greatly responsible for the mutiny due to their own carelessness
(d) (Campbell's Kingdom) who had French blood
(e) (Pride and Prejudice) who were attracted by Mr. Wickham but did not marry him.
- Write (A), (B), (C), (D) or (E) in the space provided:
(1) On Tupuai the mutineers got utterly sick of
(A) having nothing to eat but berries (B) the goats (C) the fort (D) the weather (E) none of (A), (B), (C) or (D).
(2) The Calgary Tribune was bought up by
(A) the government (B) The Trevelian Brothers (C) the people of Calgary (D) Jean Lucas (E) none of (A), (B), (C) or (D).
(3) When Mr. Bennet said of Wickham, "He's as fine a fellow as ever I saw", he was being
(A) truthful (B) polite (C) sarcastic (D) envious (E) none of (A), (B), (C) or (D).
(4) When Brutus said, "I do entreat you, not a man depart."
(A) he feared the citizens would be seduced by Antony (B) he showed how clever he, Brutus, was (C) he was following Cassius' advice (D) he trusted Antony's word of honour (E) none of (A), (B), (C) or (D).
(5) The poem "Goat Paths" was written by
(A) Wordsworth (B) Blake (C) Herlek (D) Stephens (E) none of (A), (B), (C) or (D).
- Write (A), (B), (C), (D) or (E) in the space provided:
(1) The chewing of coca leaves
(A) was a religious custom among the Polynesians (B) was forbidden by the Polynesians (C) was regarded by the Polynesians as harmful (D) was regarded by the Polynesians as sinful (E) none of (A), (B), (C) or (D).
(2) In the Kon-Tiki Expedition the Marseillaise was
(A) a French Ship (B) the Dutch National anthem (C) a Polynesian soup (D) an old Tahitian song (E) none of (A), (B), (C) or (D).
(3) Mr. Poulter said that he had fought in Spain with
(A) Wolfe (B) Bruce (C) Napoleon (D) Wellington (E) none of (A), (B), (C) or (D).
(4) On the Moon the children were looked after by
(A) unmarried men (B) aunts (C) windows who had no children (D) unmarried women (E) none of (A), (B), (C) or (D).
(5) The Crocodile made the Sakal drill with
(A) ropes (B) rifles (C) daggers (D) blowpipes (E) none of (A), (B), (C) or (D).
- To what or whom do the words underlined in the following passages refer:
(a) "That thread bridged the dark gap that separated me from the Kingdom (Campbell's Kingdom)."
(b) "But to go outside it except in armed parties, was almost certain death" (Tale of the Bounty)
(c) "If you believe it impossible, I wonder you took the trouble

- of coming so far". (Pride and Prejudice)
(d) have lost their reason".
(e) "Those big white, blundering bulks of death"
13. To what or whom do the words underlined in the following passage refer:
(a) "And dying, mention it within their wills. Unto their issue. Bequeathing it as a rich legacy. Unto their issue."
(b) "But you can't navigate them. They go with the wind, sideways and backwards and round". (Kon-Tiki Expedition)
(c) "Keep her at the door. Don't bring her onto the carpet."
(d) (Mill on the Floss)
(e) "It was a pityful. One forgot the hall and the crowd". (First Men in the Moon)
(f) "The Crocodile Dies Twice)
(g) "One moment, I mustn't forget these. Not after being shot for. Provide the QUESTION that could go with the following statements.
(a) Because Mr. and Mrs. Bennet thought they would have a son.
(b) Because Chan Tsai was wrapped in a sheet like a bundle of laundry.
(c) "This world too difficult honest man difficult."
(d) Because the Selenites would have frozen if they had left their deep caverns.
(e) The Headmaster found out about Stuart Campbell.
- Provide the QUESTION that could go with the following statements.
(a) Because Hayward had gone to sleep on his watch
(b) Because Mr. Collins asked if one of her daughters had cooked the dinner.
(c) Because Hamid had forgotten to take the bag down from the car.
(d) Because Madame Yiu said that she couldn't read Chinese.
(e) Because she didn't want people to see the name 'Elizabeth Dodson'.
- Fill in the blanks with one word or a short phrase.
(a) Bruce Wetherall offered Jean Lucas a job as
(b) Mrs. Hurst said that Elizabeth had nothing to recommend her but being
(c) "It will inflame you; it will make you mad."
(d) "Now let it work thou art afraid!"
(e) "Take thou what course thou wilt".
(f) "But there was no so we continued
And arrived at evening, not a moment too soon finding the place".
- Fill in the blanks with one word or short phrase:
(a) the films that Thor Heyerdahl and his friends took on the raft didn't come out at first because their developer was
(b) Mrs. Steilling thought it a good idea that Tom should make himself useful by
(c) "The Grand Lunar's attendants were busy spraying his".
(d) The Men on the Moon had always regarded Cavorite as a practical impossibility because there was no on the moon.
(e) People thought that Ganasoto had escaped to Japan by before the liberation.
- Choose one item from Column A to go with each poem in Column B. Write only (a), (b), (c) etc. in the space provided.
A
(a) the advantages of a job with a good firm in the city
(b) a party of priests on a conducted tour of the Holy Land
(c) the innocence of a country girl
(d) the majestic beauty of a city
(e) an event that happened a long time ago
(f) the workings of a clerk's imagination
(g) how life has many pleasures that cost nothing
(h) the unhappiness of an innocent, pure girl living in the city
(i) crowds in London going to the theatres and domes
(j) how agreeable life can be with money
B
The Great Lover
The Ice-Cart
The Journey of the Magi
The Shepherdess
Westminster Bridge
- Choose one item from Column A to go with each poem in Column B. Write only (a), (b), (c) etc. in the space provided.
A
(a) a man who liked to spend his holidays in the country
(b) very often the boys who are coy are the wisest
(c) a rather ordinary, everyday happening, not usually a popular subject with poets
(d) how quickly one grows old
(e) the sickening smell of violets
(f) someone who would like to retire from the world to find peace
(g) the silence and speed of modern travel
(h) the various pleasures to be found in the country
(i) the difficulties involved in hunting goats
(j) the effect that smells have upon the senses
B
The Passionate Shepherd
Gather ye Rosebuds
Morning Express
The Goat Paths
- Match the five phrases in Column A with the FIVE people they describe in Column B. Write only (a), (b), (c) etc. in the space provided.
A
(a) "no longer at ease here"
(b) "injured in the war"
(c) tyrannical and cruel
(d) a mass murderer
(e) self-willed and careless
B
Ganasoto
Saesar
The Magi
Jean Lucas
Lin
Thor Heyerdahl
Captain Bligh
Mrs Moss
Lydia Bennet
Antony

GENERAL READING — PAPER BII

Time allowed — 1½ hours

Answer questions on only TWO of the books in Section I. Answer ALL the questions in Sections II and III. Answer in the spaces provided in a single word or short phrase, wherever possible.

Section I—Prose

- Give the name of the person or thing described as:
(a) "an folder of the earth, blue-hued of the sea".
(b) "the wizard who knows all the secrets of the sea and guards the pillars that keep heaven and earth apart".
(c) "that wise daughter of Zeus, the goddess with the clear grey eyes".
(d) "the fair-haired king" of Sparta.
(e) "and she looked like Artemis the huntress on the hillside among the mountain nymphs, taller by the head and fairer and staller than them all".
- Name the speaker of the following passages:
(a) "Now tell me this, Goddess, and tell me truly: could I escape Charybdis and yet conquer Scylla too?"
(b) "Father Zeus! And all you gods of Heaven! Punish the comrades of Odysseus as they deserve! They have killed my cows, the cows that were my joy whenever I went up into the starry sky or turned to the earth again".
(c) "Old man, his wife and son will believe no traveler's tale. They have heard too many such. Every wandering beggar who comes to Ithaca goes to my mistress with some empty story".
(d) "Telemachus, it is not wise for you to be so long away from home. You have left behind you dangerous men who may rob you all you have But you must be on your guard as you go home: for the wooers are lying in wait for you".
(e) "Quick, bring the stranger here at once, and let him speak with me face to face! And if I see that he tells me the truth I will give him a doublet and a cloak for himself".
- Fill in the blanks:
The princess who wanted to marry Penelope were referred to as the They would not leave Odysseus's they said, until Penelope would agree to one of them. Telemachus was the young and to drive them out. When Odysseus came home, he all of these princess.
- Choose a word from A to go with each name in B:
A
(a) bright-haired
(b) wise
(c) swift-footed
(d) clever
(e) loyal
(f) timid
(g) childlike
(h) scornful
(i) ugly
B
Cyclops
Laertes
Circe
Achilles

- placid
To what or whom do the words underlined in the following refer?
(a) "Alas poor son, how sorely you need the mighty hand of your father to right your wrongs".
(b) "He was my faithful friend, and we were always of one mind and gave the same counsel to the Greeks. But I sailed away from Troy, and I have never seen him since".
(c) "They dwell alone in caves among the mountains, and each one lays down the law himself for his wife and children, and cares for no one else".
(d) "So Penelope went back to her chamber, and the maidens followed carrying the gifts: while the princes sang and danced and made merry until evening came".
(e) "He took it in his left hand and it rang beneath his touch, clear as a swallow's note. And as he did so, Zeus sent a peal of thunder, and the hero's heart leapt at the sound. Fear came on all the suitors".
- The Lost World
1. Give the name of the person or thing described as:
(a) the crabbed old round backed red-headed news editor".
(b) "a violent, dangerous, cantankerous character, hated by everyone who comes across him".
(c) "the veteran Professor of Comparative Anatomy, rose among the audience, a tall thin, bitter man with an odd smile".
(d) "the strongly-curved nose, the hollow, worn cheeks, the dark, ruddy hair, thin at the top, the crisp, virile moustaches, the small, aggressive tuft upon his projecting chin. His skin was of a rich flower-pot red from sun and wind".
(e) "an irregular, palm-studded plain, and then the line of high red cliffs".
- Fill in the blanks:
When the delegates returned to London, they made their firm to the Zoological Institute. The account of their journey to was given by An enemy of his said that he was not convinced by the but would be convinced if he could see the creature itself. The creature was brought out in a box. It flew about the room, and soon
3. Choose an item from A to go with each name in B.
A
(a) a flying reptile
(b) the dreadful lurking spirit
(c) field-glasses
(d) Maple White's companion
(e) a newspaper
(f) a town on the Amazon
(g) the route of the procession
(h) Challenger's home
(i) a river in South America
(j) Challenger's landmark
B
Emmora Park
Manao
Assai palm
Zolss glasses
Curupuri
- In the following choose the statement that is not true. Write the letter of that untrue statement (e.g. (f) A).
(a) The Amazon is a river:
A. in South America
B. previously explored by Lord Roxton
C. flowing through Brazil
D. just a little larger than the Thames
(b) The pterodactyl is:
A. the creature of which Challenger had a photo
B. a huge bird
C. the creature brought home by the explorers
D. a flying reptile
(c) Pedro Lopez was:
A. the brother of Gomes
B. a slave-driver in Peru
C. a man killed by Lord Roxton
D. a half-wild who accompanied the explorers.
(d) The words, "We will kill you if we can":
A. were spoken by Gomes
B. may not have been spoken by anyone
C. were the "talk" of drums
D. frightened Mr. Malone.
(e) Summerlee:
A. smoked a pipe always
B. objected, in the beginning, to everything Challenger did, and said
C. later apologised to Challenger publicly
D. was a coward
- Name the speaker of the following passages:
(a) "There was nothing else to be done. If he had got among us we should have shot each other in trying to down him".
(b) "Our young friend makes up for many obvious mental lacunae by some measure of primitive common sense".
(c) "Let me remind you that we came here upon a perfectly definite mission, entrusted to us at the meeting of the Zoological Institute of London. That mission was to test the truth of Professor Challenger's statements".
(d) "I believe I have it! Follow me! Follow me! Well, it is marked as a forked cave, and in the darkness we passed the fork before the torches were lit. On the right side as we go out we should find the longer arm".
(e) "I think, if you have me, that I would like to go with you".
- The Loss of the Jane Vesper
1. Give the name of the person or thing described as:
(a) "a swift, fast steamer which worked back and forward between London and Buenos Aires".
(b) "a genius in the engine room".
(c) "a private detective employed by the Land and Sea, as well as by certain other insurance firms".
(d) "second in command in the export department of the Weaver Bannister Engineering Company".
(e) "The floor had obviously been swept but still sufficient traces of shavings and sawdust remained to show that carpentering had recently been in progress".
- Fill in the blanks:
The prime mover in the scheme for the theft of the petrol sets was Rice. This criminal's real name was At one time he also used the name of The names of the men who helped him were and
3. Choose an item from A to go with each item in B:
A
(a) Oliver Hooper and Co.
(b) Duckworth and Crozier
(c) the burial place of a man
(d) in Waterloo Road
(e) Kelvin Hotel
(f) in Rediff Lane
(g) Corona Engineering Co.
(h) Weaver Bannister
(i) time bombs
(j) in Haydon Square
B
the Rice shed
"the tunnel"
alarm clocks
the goods depot
makers of petrol electric lighting sets
- "I wish there was a chance of what you're hinting at, but really, sir, I'm not with you there. Have you thought what a ghastly crime it would be? No, I don't see Weaver Bannister or anyone else standing for that".
(a) Who was the speaker?
(b) To whom was he speaking?
(c) Weaver Bannister was
(d) What was the ghastly crime, and what made it so ghastly?
- Each of the following statements is the answer to a question. In each case, give the question suggested by the text:
(a) Answer—"About forty feet long by the full breadth of the ship, say thirty-four feet, and about seventeen feet deep".
Question:
(b) Answer—"Because Hislop had a perfect alibi".
Question:
(c) Answer—"Because he knew too much about Rice Brothers".
Question:
(d) Answer—"He was a very silent man, and kept himself to himself".
Question:
(e) Answer—"They were able to think of only five names with these letters in".
Question:
- The Red Wind
1. Give the name of the person described as:
(a) "the burly fellow with the cropped window's peak who had wielded the oar at our first encounter".
(b) "a pleasant-looking Malay in his early twenties, with intelligent, rather ascetic features that are somehow made human and charming by large dark eyes, full of life and humour".
(c) "a spectacled Tamil He sang off-beat in a peculiar cracked tenor The others obviously looked on him as the comedian of the party".
(d) "the bright, dark eyes in those wizened clay-coloured features".
(e) "the pale, infinitely wrinkled face was washed with soft green light".
- Choose an item from A to go with each item in B:
A
(a) Malacca
(b) Batu Caves
(c) Chou Hung Ming
(d) the smoke house
(e) two coffins
(f) Tat Him's hut
(g) bronze lamassary trumpet
(h) Newton Circus
(i) Mr. Fah's hut
(j) Amia
B
"Lord Byron"
the forest hut
in Kheam Hock Road
"long temple flute"
University expedition
- Fill in the blanks:
"When I started the night had fallen and it was growing very dark. I thought I would take a closer look at the place before the moon got up and made approach more difficult. I think I half hoped I might find inside-tied up and"

(英文讀本試題未完明日續刊)

